FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE			SERIAL NO. NOT YET ASSIGNED			DOCKET NO. Q50138
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			APPLICANT Koichi SAKAMOTO			
(Use several sheets if necessary)			FILING DATE August 25, 1998			GROUP 2612
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF ÅPPROPRIATE
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		FORE	I GN PATENT DOCU	MENTS		
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
2N	6-54176	02/25/94	JP	HO4N	1/40	No
LN	8-320770	12/03/96	JP	G06F	3/12	N&
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1	OTHER DOCUM	MENTS (incl	uding Author, Title,	Date, Pertine	nt Pages, etc.)	
EXAMINER LUSTAVALLEN DATE CONSIDERED 12/04/02						

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

(Form PTO-1449 [6-4])